

WHAT IS CLAIMED IS:

1. A clamping mechanism for an injection molding machine, having a stationary platen securely mounted on a base of the injection molding machine and a moving platen movable on the base with respect to the stationary platen, the clamping mechanism comprising:

guide faces formed at either one of the moving platen and the base; and

adjusting mechanisms fixed to the other of the moving platen and the base in such a manner as to freely abut against the guide faces;

wherein the adjusting mechanism abuts against the guide face, thus adjusting the inclination of the moving platen with respect to the stationary platen in a horizontal direction.

2. The clamping mechanism for an injection molding machine according to claim 1, wherein the moving platen is a movable platen, to which a movable side mold is fixed.

3. The clamping mechanism for an injection molding machine according to claim 1, wherein the moving platen is a rear platen, which is disposed opposite to the stationary platen with respect to the movable platen.

4. The clamping mechanism for an injection molding machine according to claim 1, wherein the guide face is formed at the inside surface of a base frame forming the base, and the adjusting mechanism is disposed under the moving platen.

5. The clamping mechanism for an injection molding machine according to claim 1, wherein the guide face is formed at a side

surface in the lower portion of the moving platen, and the adjusting mechanism is mounted on the base frame.

6. The clamping mechanism for an injection molding machine according to claim 1, wherein the adjusting mechanism is provided with a fixing shaft having a leg and a head deviated from the axis of the leg and a rotary roller rotating around the head of the fixing shaft, and is fixed to the moving platen or the base in such a manner that the rotary roller abuts against the guide face.

7. The clamping mechanism for an injection molding machine according to claim 1, wherein the adjusting mechanism comprises fixing member having a slope and a slide plate having a slope adapted to come into contact with the slope of the fixing member, said fixing member is attached to said base or said moving platen in a manner such that the slope of the fixing member is opposite the guide face, and said slide plate is attached to the fixing member so that the face of the slide plate, opposite the slope thereof, comes into contact with said guide face, allowing the slide plate to penetrate between the guide face and the slope of the fixing member.

8. The clamping mechanism for an injection molding machine according to claim 1, wherein the adjusting mechanism includes a fixing member fixed to the base or the moving platen, a screw screwed to the fixing member and a plate disposed at the tip of the screw, the plate sliding with respect to the guide face.

9. The clamping mechanism for an injection molding machine according to claim 1, wherein the adjusting mechanism includes

a fixing member fixed to the base or the moving platen, a screw screwed to the fixing member and a plate with a roller disposed at the tip of the screw, the roller rolling with respect to the guide face.